

AMENDMENTS TO THE CLAIMS

1-14. (Canceled)

15. (Previously Presented) An apparatus for detecting a broadcast control channel energy in a multi-generational mobile station comprising:

- a pseudo-noise despreader for despreading a received broadcast control channel signal according to a known base station pseudo-noise sequence;

- a broadcast control channel Walsh Code despreader for despreading the received signal according to a known Walsh Code for the broadcast control channel;

- a signal energy calculator for calculating a signal energy of the signal despread by the pseudo-noise despreader and the Walsh Code despreader;

- a multiplier for scaling the calculated signal energy according to a preset scaling factor; and

- a comparator for comparing the scaled signal energy to a threshold.

16. (Previously Presented) The apparatus of claim 15 further comprising a means for determining whether the broadcast control channel is present based on the comparison of the scaled signal energy to the threshold.